

S E C R E T

[redacted]

25X1A

Copy ____ of ____

27 September 1973

MEMORANDUM FOR THE RECORD

SUBJECT: [redacted]

and [redacted]

Trip Report - 16 Through 21 September 1973

1. The purpose of this trip was to conduct underwater escape training at Miramar Naval Air Station, San Diego, California, for IDEALIST pilots, visit the Naval Undersea Warfare Center, San Diego, to discuss a shark-deterrent screen with Dr. C. Scott Johnson, and visit [redacted] to discuss training and life-support equipment.

2. Miramar NAS 17-19 September 1973

On 17 September the Dilbert Dunker Trainer was adapted with the U-2R seat, survival kit, and parachute. [redacted] made one (1) ride in low-flight equipment and one (1) ride utilizing the S1010 full-pressure suit to check out the trainer and the life-support equipment prior to student participation. On 18 and 19 September underwater escape training was conducted for six (6) IDEALIST pilots.

[redacted] Each IDEALIST pilot received one (1) ride with low-flight equipment and one (1) utilizing the S1010 full-pressure suit as did [redacted] [redacted] received one (1) ride with low-flight equipment.

No problems were encountered during the exercise, however, it was noted that the pilots who had been through the training before performed in a much superior manner.

NAVY review(s)
completed.

2

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3. Naval Undersea Warfare Center, San Diego, California

The shark deterrent screen was discussed with Dr. C. Scott Johnson, who designed the device. Dr. Johnson has done several years of research on shark behavior. After a lengthy discussion, reading reports, and reviewing a film of the shark screen, it was determined to be an excellent piece of gear for defense against sharks. The shark screen can also be adapted for other uses in survival (see brochure).

The shark screen can be manufactured at very low cost and packaged small enough to be carried in a flight-suit pocket (approximately same size as chemical shark chaser). It has been determined that the shark chaser chemical presently in use today is not effective against sharks, except for the dark cloud it produces, which is quickly dispersed by a rough sea. Proposal: [] has been asked to manufacture one screen (blue prints were obtained from Dr. Johnson) for evaluation and to submit a cost estimate for fifty (50). Also []

[] will be approached for a price estimate for fifty (50).

4. [] 20-21 September 1973

During this period survival training and life-support equipment were discussed in general. Items of interest: [] was on hand to demonstrate the latest development of the S1010 Pressure Suit Flotation. The flotation was installed in one pilot's suit and a cockpit evaluation was conducted. The flotation looks acceptable at this time; further evaluation will be conducted in the next few days.

Attachment
As stated above

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CONCURRENCE AND/OR COMMENTS

C/AMS/OSA

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OSA/AMS/ [redacted] (27 Sep 73)

Distribution

- 1 - AMS/OSA
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